



# Electronic Filing System (EFS) Data

## Electronic Patent Application Submission

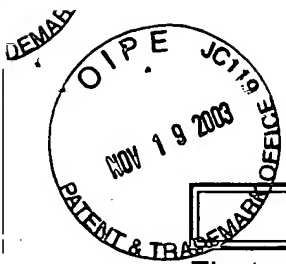
### USPTO Use Only

EFS ID: 50921  
Application ID: 10634082  
Title of Invention: Substantially Rigid Capacitive Joystick Designs  
First Named Inventor: Jack Hetherington  
Domestic/Foreign Application: Domestic Application  
Filing Date: 2003-08-04  
Effective Receipt Date: 2003-11-19  
Submission Type: Information Disclosure Statement  
Filing Type:  
Confirmation number: 7405  
Attorney Docket Number: PIE-10502/29



Total Fees Authorized:

Digital Certificate Holder: cn=John Gregory Posa,ou=Registered Attorneys,ou=Patent and Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US  
Certificate Message Digest: 105aff278229e9605498a62d2fabaf1a24d31311



## TRANSMITTAL

Electronic Version v1.1

Stylesheet Version v1.1.0

<b>Title of Invention</b>	Substantially Rigid Capacitive Joystick Designs									
Application Number: 10/634082 Date: 2003-08-04 First Named Applicant: Jack Hetherington										
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<table border="1"><thead><tr><th>Submitted by:</th><th>Elec. Sign.</th><th>Sign. Capacity</th></tr></thead><tbody><tr><td>John G. Posa Registered Number: 37424</td><td>/John G. Posa/</td><td>Attorney</td></tr></tbody></table>			Submitted by:	Elec. Sign.	Sign. Capacity	John G. Posa Registered Number: 37424	/John G. Posa/	Attorney		
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<table><tr><td>Documents being submitted</td><td>Files</td></tr><tr><td>us-ids</td><td>PIE10502-usidst.xml</td></tr><tr><td></td><td>us-ids.dtd</td></tr><tr><td></td><td>us-ids.xsl</td></tr></table>			Documents being submitted	Files	us-ids	PIE10502-usidst.xml		us-ids.dtd		us-ids.xsl
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us-ids	PIE10502-usidst.xml									
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Comments										



## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

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<p>Application Number: 10/634082</p> <p>Confirmation Number: 7405</p> <p>First Named Applicant: Jack Hetherington</p> <p>Attorney Docket Number: PIE-10502/29</p> <p>Search string: ( 5786997 or Re29765 or 3270260 or 4493219 or 4719538 or 5006952 or 6115030 or 6184865 or 6314823 ).pn.</p> <p><b>US Patent Documents</b></p> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td></td><td>1</td><td>5786997</td><td>1998-07-28</td><td>Hoyt et al</td><td></td><td>364</td><td>190</td></tr><tr><td></td><td>2</td><td>Re29765</td><td>1978-09-19</td><td>Crane et al</td><td></td><td>73</td><td>432R</td></tr><tr><td></td><td>3</td><td>3270260</td><td>1966-08-30</td><td>Mehr</td><td></td><td></td><td></td></tr><tr><td></td><td>4</td><td>4493219</td><td>1985-01-15</td><td>Sharp et al</td><td></td><td>73</td><td>862.05</td></tr><tr><td></td><td>5</td><td>4719538</td><td>1988-01-12</td><td>Cox</td><td></td><td>361</td><td>283</td></tr><tr><td></td><td>6</td><td>5006952</td><td>1991-04-09</td><td>Thomas</td><td></td><td>361</td><td>283</td></tr><tr><td></td><td>7</td><td>6115030</td><td>2000-09-05</td><td>Berstis et al</td><td></td><td>345</td><td>161</td></tr><tr><td></td><td>8</td><td>6184865</td><td>2001-02-06</td><td>Zimmerman et al</td><td></td><td>345</td><td>160</td></tr><tr><td></td><td>9</td><td>6314823</td><td>2001-11-13</td><td>Okada</td><td></td><td>73</td><td>862.043</td></tr></tbody></table> <p><b>Signature</b></p> <table border="1"><thead><tr><th>Examiner Name</th><th>Date</th></tr></thead><tbody><tr><td></td><td></td></tr></tbody></table>								init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass		1	5786997	1998-07-28	Hoyt et al		364	190		2	Re29765	1978-09-19	Crane et al		73	432R		3	3270260	1966-08-30	Mehr					4	4493219	1985-01-15	Sharp et al		73	862.05		5	4719538	1988-01-12	Cox		361	283		6	5006952	1991-04-09	Thomas		361	283		7	6115030	2000-09-05	Berstis et al		345	161		8	6184865	2001-02-06	Zimmerman et al		345	160		9	6314823	2001-11-13	Okada		73	862.043	Examiner Name	Date		
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